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| **Indian School Al Wadi Al Kabir - Syllabus break up for 2014-15** |
| Class 12mathematics | Week1  | Week2  | Week3  | Week4  |
| **APRIL** | →Types of **Matrices**→Operation on matrices | →Multiplication of matrices→transpose of a matrix →symmetric and skew symmetric matrices→inverse of a matrix→ elementary transformation.→Miscellaneous | →**Determinant**, Its expansion, properties | →Area of triangle→Ad joint and inverse,→ solution of system of linear equations using inverse |
| **MAY** | **Relations & Functions**→ Equivalence relation,→Types of functions | →Composition of functions,→Inverse of a function,→ binary operation→Miscellaneous | **Inverse Trigonometric****Functions**→Properties of 1)  , , 2) Expansion of →Principal branch→Miscellaneous | **Continuity &Differentiability**→ LHL , RHL, →Chain Rule→Exp & Log functions |
| **JUNE** | →Log diff, Parametric forms→ 2nd Order Derivative→ MVT→Miscellaneous | **Application of Derivatives**→Rate of change→Increasing and decreasing functions | - | - |